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**CONFIDENTIAL ATTORNEY-CLIENT
PRIVILEGED COMMUNICATION**

Date: FEBRUARY 19, 2004

To: EXAMINER E.J. SPEARS

U.S. PATENT AND TRADEMARK OFFICE
(703) 872-9314

From: DARRIN WESLEY HARRIS

Fax #: (847) 905-7111

Client/Matter No.: PHUS 010508 (7790/338)

of Pages: 8
(including cover sheet)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Attorney Docket No.	PHUS 010508 (7790/338)
Application Number	09/970,960
Filing Date	OCTOBER 4, 2001
First Named Inventor	MICHAEL THOMAS SWAB
Group Art Unit	2668
Examiner	E.J. SPEARS

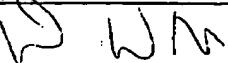
ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Supplemental After Final Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Status Letter <input type="checkbox"/> Petition for Extension of Time Request (duplic) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO-1449, art <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawings: <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. <u>50-1713</u> . A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. <u>50-1713</u> . A duplicate copy of this sheet is enclosed.	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Appeal Brief <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Post Card Receipt <input type="checkbox"/> Additional Enclosure(s) (please identify below): <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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CALCULATION OF FEE

	Claims After Amendment		Highest No. Previously Paid For	Present Extra	Small Entity		Large Entity	
					Rate	Add'l Fee	Rate	Add'l Fee
Total		Minus		0	x \$9=	0	x \$18=	
Indep.		Minus		0	x \$43	0	x \$86	
First Presentation of Multiple Dep. Claim					+\$145	—	+ \$290=	
					total add'l fee	\$ 0	total add'l fee	\$

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	DARRIN WESLEY HARRIS Registration No. 40,636 CARDINAL LAW GROUP 1603 Orrington Avenue, Suite 2000 Evanston, IL 60201		
Signature			Date: February 19, 2004

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to (703) 872-9314 to the United States Patent and Trademark Office on this date:

February 19, 2004

Signature		Date: February 19, 2004
DARRIN WESLEY HARRIS (40,636)		

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DARRIN WESLEY HARRIS (40,636)
 Name of Appellant, assignee or registered representative
D.W.H.
 Signature
February 19, 2004
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PATENT
 Case No. PHUS010508
 (7790/338)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)	
)	
MICHAEL THOMAS SWAB)	
)	Examiner: SPEARS, E.J.
Serial No.: 09/970,960)	
)	Group Art Unit: 2878
Filed: OCTOBER 4, 2001)	
)	
For: COMPUTER VISION)	
RECOGNITION OF METALLIC)	
OBJECTS AGAINST A POORLY)	
CONTRASTNIG BACKGROUND)	

SUPPLEMENTAL AFTER FINAL AMENDMENT

Mail Stop AF
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

In response to a Final Office Action dated December 17, 2003, please amend the above referenced application as follows and reconsider the application in light of the following remarks.